CLAIMS:

1. A method of filtering an information signal, the method comprising modifying frequency domain components of the information signal according to a desired filter response; wherein the step of modifying frequency domain components further comprises modifying frequency domain components of a first frame of said information signal according to a first actual filter response, the first actual filter response being a function of the desired filter response and information; related to a previous frame of the information signal.

2. A method according to claim 1, wherein the method further comprises

- segmenting an information signal into a number of signal frames;
- transforming the signal frames to obtain frequency domain components of the respective signal frames;
- inverse transforming the modified frequency domain components to obtain filtered signal frames; and
- performing a recombination operation of the filtered signal frames to obtain a filtered information signal.

3. A method according to claim 2, wherein the function of the desired filter response and information related to a previous frame is selected as to reduce artifacts introduced by the step of performing a recombination operation.

4. A method according to claim 2, wherein the recombination operation comprises an overlap-add operation.

5. A method according to claim 1, wherein the information related to a previous frame is comprises at least one of the actual filter response and the desired filter response of a previous frame of the information signal.

6. A method according to claim 1, wherein the step of modifying frequency domain components of a first frame further comprises

- determining a desired filter response for the first frame;
- determining the first actual filter response for the first frame as a function of the desired filter response and at least a second filter response related to a previous frame of the information signal; and
- applying the determined actual first filter response to the first frame to obtain modified frequency domain components of the first frame.

7. A method according to claim 6, wherein the step of determining the first actual filter response comprises

- determining a phase difference of a frequency component of the desired filter response for the first frame and a corresponding frequency component of the filter response of a previous frame;
- determining a desired phase change as a function of the determined phase difference; and
- determining a frequency component of the first actual filter response as the corresponding frequency component of the filter response of a previous frame modified by a phase change factor comprising the determined desired phase change.

8. A method according to claim 7, wherein the function of the determined phase difference is a cut-off function limiting the phase difference to be smaller than a predetermined threshold value.

9. A method according to claim 6, wherein the function of the desired filter response and information related to a previous frame is selected to reduce phase changes of the filter response.

10. A method according to claim 9, wherein said reduction of phase changes of the filter response is made dependant on a measure of tonality.

11. A method according to claim 1, wherein the information signal is an audio signal.

12. An arrangement for filtering an information signal, the arrangement comprising means for modifying frequency domain components of the information signal according to a desired filter response; wherein the means for modifying frequency domain components of the information signal comprises means for modifying frequency domain components of a first frame of said information signal according to a first actual filter response, the first actual filter response being a function of the desired filter response and information related to a previous frame of the information signal.

13. An electronic device comprising an arrangement for filtering an information signal, the arrangement comprising means for modifying frequency domain components of the information signal according to a desired filter response; wherein the means for modifying frequency domain components of the information signal comprises means for modifying frequency domain components of a first frame of said information signal according to a first actual filter response, the first actual filter response being a function of the desired filter response and information related to a previous frame of the information signal.

14. A filtered information signal generated by a method of filtering an information signal, the method comprising modifying frequency domain components of the information signal according to a desired filter response; wherein the step of modifying frequency domain components further comprises modifying frequency domain components of a first frame of said information signal according to a first actual filter response, the first actual filter response being a function of the desired filter response and information related to a previous frame of the information signal.

15. A storage medium having stored thereon a information signal according to claim 14.